

# JOURNEY TO WORK AND JOURNEY TO SCHOOL

**MAY 1970**



COMMONWEALTH BUREAU OF CENSUS AND STATISTICS  
CANBERRA, AUSTRALIA

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## INTRODUCTION

In May 1970 a survey, based on the quarterly population survey sample (a one per cent sample of households), was conducted throughout Australia in order to obtain information about the principal means of transport by which employed persons travelled to work and full-time students travelled to school, university or other type of educational institution, the time at which they usually left home, and the time they usually spent on the journey.

2. A summary of the principal results of the survey was published in a mimeographed bulletin (Reference No.17.4) on 27 October 1971. The present bulletin contains some additional cross-classifications of the data.

## EXPLANATORY NOTES

### State and area estimates

3. Although the sample used for the survey was designed primarily to give estimates for Australia as a whole, separate estimates for States have been shown wherever possible. However, a number of estimates, particularly those for the smaller States, have had to be omitted because of their high sampling variability. (See page 21, paragraph 3.)

4. Because there are considerable differences between the travelling arrangements of persons living in the capital cities and those of persons living in other areas, separate figures for each of these areas have been shown in a number of the tables in this bulletin. It is not feasible to include estimates showing the absolute levels for these areas; instead, proportions obtained from the sample have been included in the relevant tables. For example, the proportions of persons using different methods of travel to work, those whose journeys were of various durations, and those leaving home at different times of day to travel to work are shown in Tables 11, 12 and 14. Corresponding figures for full-time students appear in Tables 19, 22 and 26.

### Population coverage

5. The survey covered all persons aged five years and over, except members of the permanent armed forces, national servicemen enlisted in the Regular Army Supplement and certain diplomatic personnel customarily excluded from census and estimated populations. Questions were not asked of patients in institutions such as hospitals and sanatoria, and inmates of gaols, etc., for whom, for the purposes of the survey, the institution was regarded as their dwelling. The journey to work questions were not asked of persons permanently unable to work, or of persons who were not at work during the survey period. The journey to school questions were asked of all persons in the age group 5 to 14 years, as well as all other persons aged 15 and over whose main activity during the survey period was reported as attendance at a school, university, etc.

### Definitions

6. The category to which a person was assigned (i.e. working, full-time student) depended on his actual activity during a specified week. The definitions of these two categories are as follows:

Persons who worked comprise all those who, during the survey week,

- (a) did any work for pay, profit, commission or payment in kind, in a job or business, or on a farm (including employees, employers and self-employed persons), or
- (b) worked fifteen hours or more without pay in a family business (or farm),

with the exception of those who reported that their major activity in the survey week was attendance at a school, university, or other educational institution.

Full-time students who travelled to school, etc. comprise all persons aged 5 to 14 years who usually travelled to school, and persons aged 15 years and over who usually travelled to school, university or other educational institution and whose major activity during the survey week was reported as attendance at a school, university, etc. Excluded are boarders at schools, etc., persons taking correspondence courses and persons who were not attending an educational institution.

7. Full-time workers are those who usually work 35 hours a week or more and others who, although usually part-time workers, worked 35 hours or more during the survey week. Part-time workers are those who usually work less than 35 hours a week and who did so during the survey week. When recording hours of work, fractions of an hour are disregarded.

8. Method of travel refers to the principal method used. Where two or more methods were used the one used for the greatest distance was taken as the principal method. Public transport refers to transport by train, bus, tram or ferry. Persons who travelled by taxi, employer's vehicle, truck, horse, boat, railway maintenance vehicle or as pillion passengers on motor cycles or scooters have been included in "other".

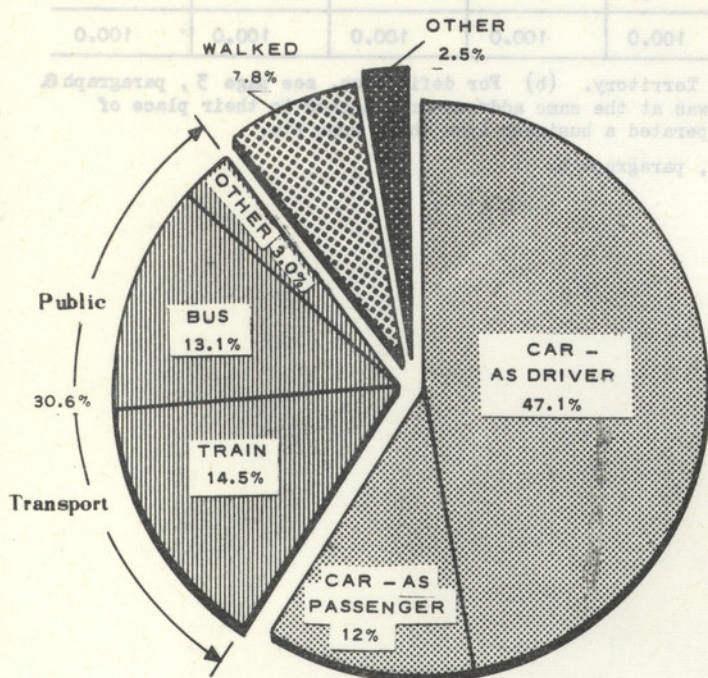
9. Duration of journey refers to the time taken by a person to travel from the door of his place of residence to the entrance of his place of work or school, etc.

10. Capital cities. Estimates for State capital cities relate to persons residing within the boundaries of the relevant Statistical Divisions. Explanatory notes on the delimitation of urban boundaries and maps showing the boundaries of the capital city Statistical Divisions were published in "Census of the Commonwealth of Australia, 30 June 1966 - Field Count Statement No. 4."

NOTE. Any discrepancies between totals and sums of components in tables are due to rounding.

### METHOD OF TRAVEL OF ALL PERSONS WHO WORKED CAPITAL CITIES AND OTHER AREAS - MAY 1970

SIX STATE CAPITAL CITIES



OTHER AREAS

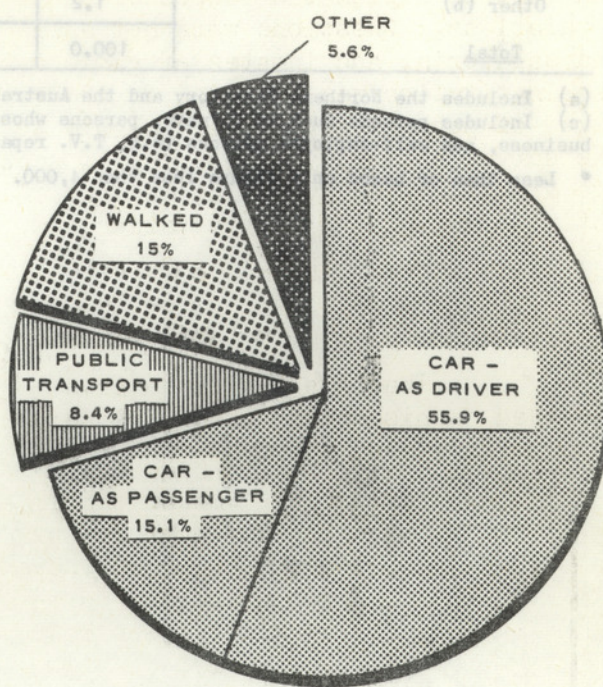


TABLE 1. - ALL PERSONS WHO WORKED, BY METHOD OF TRAVEL TO WORK, MAY 1970

Method of travel to work	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	Aust. (a)
NUMBER ('000)							
Public transport (b)	454.8	313.2	94.7	64.1	52.9	15.5	1,002.3
Train	228.3	160.3	33.6	10.3	10.0	*	443.4
Bus	212.8	78.9	60.3	51.9	42.6	14.6	468.2
Tram or ferry	13.6	74.0	*	*	*	*	90.7
Car	921.3	738.8	354.7	268.7	214.7	87.5	2,642.4
As driver	732.6	589.5	277.3	209.1	173.2	70.5	2,097.8
As passenger	188.6	149.4	77.4	59.6	41.5	17.0	544.6
Motor cycle or scooter	13.5	4.7	7.6	5.1	*	*	37.3
Bicycle	15.0	22.5	12.7	14.9	5.1	*	71.0
Walked	154.5	128.4	53.0	27.5	28.9	19.8	421.2
Other (b)	18.9	5.4	5.0	*	*	*	36.4
<u>Total persons who travelled</u>	1,578.0	1,213.1	527.8	382.5	307.3	127.1	4,210.7
Worked at home (c)	255.1	177.9	144.6	76.5	87.1	21.8	773.1
<u>Total</u>	1,833.1	1,391.0	672.4	459.0	394.4	148.8	4,983.8

## PROPORTION OF PERSONS WHO TRAVELLED TO WORK (PER CENT)

Public transport (b)	28.8	25.8	17.9	16.8	17.2	12.2	23.8
Train	14.5	13.2	6.4	2.7	3.3	*	10.5
Bus	13.5	6.5	11.4	13.6	13.8	11.5	11.1
Tram or ferry	0.9	6.1	*	*	*	*	2.2
Car	58.4	60.9	67.2	70.3	69.9	68.9	62.8
As driver	46.4	48.6	52.5	54.7	56.4	55.5	49.8
As passenger	12.0	12.3	14.7	15.6	13.5	13.4	12.9
Motor cycle or scooter	0.9	0.4	1.4	1.3	*	*	0.9
Bicycle	1.0	1.9	2.4	3.9	1.7	*	1.7
Walked	9.8	10.6	10.0	7.2	9.4	15.6	10.0
Other (b)	1.2	0.4	1.0	*	*	*	0.9
<u>Total</u>	100.0	100.0	100.0	100.0	100.0	100.0	100.0

(a) Includes the Northern Territory and the Australian Capital Territory. (b) For definition, see page 3, paragraph 8.

(c) Includes persons such as farmers, persons whose residence was at the same address or attached to their place of business, and self-employed persons (e.g. T.V. repairers) who operated a business from their home, etc.

\* Less than or based on a figure less than 4,000. See page 21, paragraph 3.

TABLE 2. - ALL PERSONS WHO WORKED, BY DURATION OF JOURNEY TO WORK AND HOURS WORKED (a), MAY 1970

Hours worked (a)	Duration of journey to work (minutes) (b)							Worked at home (c)	Total (d)
	1-14	15-29	30-44	45-59	60-74	75-89	90 and over		
NUMBER ('000)									
<u>Part-time workers (e)</u>	168.1	109.1	58.0	21.3	16.8	7.5	6.8	107.3	489.6
1-15	69.7	40.4	18.9	7.6	6.0			54.6	201.1
16-29	68.1	46.0	25.2	9.0	6.5			41.2	198.9
30-34	30.4	22.7	13.9	4.7	4.2			11.6	89.6
<u>Full-time workers (e)</u>	1,266.7	1,174.4	750.1	300.6	210.2	47.6	57.3	665.8	4,494.2
1-34 (f)	77.4	83.9	61.0	84.3	14.4	*	5.9	33.1	303.4
35-39	133.7	162.4	128.1	68.5	49.3	14.4	11.3	28.2	596.9
40	655.9	587.6	367.7	139.3	104.3	21.4	29.5	162.2	2,078.8
41-48	204.0	181.2	105.1	38.5	24.1	5.7	7.4	86.5	655.7
49 and over	195.8	159.4	88.2	31.0	18.2	*	*	355.7	859.4
<u>Total</u>	1,434.8	1,283.5	808.1	321.9	227.0	51.4	60.8	773.1	4,983.8
PROPORTION OF TOTAL (PER CENT)									
<u>Part-time workers (e)</u>	34.3	22.3	11.8	4.3	3.4	*	*	21.9	100.0
1-15	34.6	20.1	9.4	3.8	3.0	*	*	27.1	100.0
16-29	34.2	23.1	12.7	4.5	3.3	*	*	20.7	100.0
30-34	33.9	25.3	15.5	5.2	4.7	*	*	12.9	100.0
<u>Full-time workers (e)</u>	28.2	26.1	16.7	6.7	4.7	1.1	1.3	14.8	100.0
1-34 (f)	25.5	27.6	20.1	7.7	4.7	*	1.9	10.9	100.0
35-39	22.4	27.2	21.5	11.5	8.3	2.4	1.9	4.7	100.0
40	31.5	28.3	17.7	6.7	5.0	1.0	1.4	7.8	100.0
41-48	31.1	27.6	16.0	5.9	3.7	0.9	1.1	13.2	100.0
49 and over	22.8	18.6	10.3	3.6	2.1	*	*	41.4	100.0
<u>Total</u>	28.8	25.7	16.2	6.5	4.6	1.0	1.2	15.5	100.0

(a) Actual hours worked during survey week, not hours paid for. (b) One way. (c) See footnote (c) to Table 1. (d) Includes persons for whom the duration of journey varied. (e) See page 3, paragraph 7. (f) Full-time workers who usually work 35 hours or more per week.

\* Less than or based on a figure less than 4,000. See page 21, paragraph 3.

TABLE 3. - ALL PERSONS WHO WORKED, BY OCCUPATION AND DURATION OF JOURNEY TO WORK, MAY 1970

('000)

Occupation group	Duration of journey to work (minutes) (a)					Worked at home (b)	Total (c)
	1-14	15-29	30-44	45-59	60 and over		
MALES							
Professional and technical	77.8	80.7	58.1	28.0	29.1	24.0	298.7
Administrative, executive and managerial	82.7	65.7	48.3	18.4	15.7	48.1	281.6
Clerical	74.5	83.7	67.0	38.7	45.4	*	313.6
Sales	63.9	48.9	29.2	12.7	10.7	30.5	199.8
Farmers, fishermen, timber getters, etc.	38.3	33.3	18.1	5.4	6.9	292.5	394.8
Transport and communication	90.2	62.6	37.9	11.7	9.9	43.0	257.0
Craftsmen, production-process workers, etc. (d)	474.4	474.1	280.4	91.7	99.7	97.6	1,527.2
Service, sport and recreation	49.8	39.5	22.6	8.0	8.2	17.0	146.1
<u>Total</u>	951.6	888.3	561.6	214.6	225.5	556.2	3,418.9
FEMALES							
Professional and technical	59.0	41.4	25.1	9.2	9.7	36.4	181.9
Administrative, executive and managerial	10.8	7.4	4.9	*	*	11.0	36.6
Clerical	128.0	140.9	103.6	52.2	63.4	40.3	528.5
Sales	83.6	52.5	28.1	10.5	9.6	26.9	211.6
Farmers, fishermen, timber getters, etc.	6.0	*	*	*	*	46.4	57.7
Transport and communication	12.2	8.1	7.7	*	*	5.2	38.2
Craftsmen, production-process workers, etc.	72.9	76.0	44.2	20.2	15.1	10.2	238.5
Service, sport and recreation	110.7	66.3	30.7	10.8	12.6	40.6	272.0
<u>Total</u>	483.2	395.2	246.5	107.3	113.7	216.9	1,564.9
PERSONS							
Professional and technical	136.9	122.2	83.1	37.1	38.8	60.5	480.6
Administrative, executive and managerial	93.4	73.1	53.3	20.2	16.3	59.0	318.2
Clerical	202.4	224.5	170.6	90.9	108.8	43.7	842.1
Sales	147.6	101.4	57.3	23.1	20.3	57.4	411.4
Farmers, fishermen, timber getters, etc.	44.3	35.8	20.3	5.6	7.2	338.9	452.5
Miners, quarrymen, etc.	12.3	7.3	5.7	*	*	*	32.6
Transport and communication	102.3	70.7	45.6	14.3	12.2	48.1	295.2
Craftsmen, production-process workers, etc.	535.0	542.7	318.8	110.3	112.6	104.4	1,733.1
Service, sport and recreation	160.5	105.7	53.4	18.8	20.8	57.6	418.0
<u>Total</u>	1,434.8	1,283.5	808.1	321.9	339.2	773.1	4,983.8

(a) One way. (b) See footnote (c) to Table 1. (c) Includes persons for whom the duration of journey varied. (d) Includes labourers, miners, quarrymen and related workers.

\* Less than 4,000. See page 21, paragraph 3.

**TABLE 4. - ALL PERSONS WHO TRAVELLED TO WORK, BY  
METHOD OF TRAVEL AND DURATION OF JOURNEY, MAY 1970**  
( '000 )

Method of travel to work	Duration of journey to work (minutes) (a)							Total (b)
	1-14	15-29	30-44	45-59	60-74	75-89	90 and over	
Public transport (c)	57.2	232.4	295.3	179.6	148.1	39.4	48.3	1,002.3
Train	6.2	51.1	107.6	101.8	103.0	32.0	40.6	443.4
Bus	45.1	154.3	155.6	63.5	36.0	6.1	6.7	468.2
Tram or ferry	5.9	27.0	32.1	14.2	9.1	*	*	90.7
Car	1,013.6	899.1	475.1	136.4	75.8	11.3	11.5	2,642.4
As driver	799.0	717.4	380.5	110.3	58.0	7.7	8.5	2,097.8
As passenger	214.6	181.6	94.6	26.1	17.8	*	*	544.6
Motor cycle or scooter	18.5	12.7	4.3	6.0	*	*	*	37.3
Bicycle	40.0	23.7	6.5					71.0
Walked	289.5	106.2	21.3					421.2
Other (c)	16.0	9.6	5.6					36.4
<b>Total</b>	<b>1,434.8</b>	<b>1,283.5</b>	<b>808.1</b>	<b>321.9</b>	<b>227.0</b>	<b>51.4</b>	<b>60.8</b>	<b>4,210.7</b>

(a) One way. (b) Includes persons for whom the duration of journey varied. (c) For definition, see page 3, paragraph 8.

\* Less than 4,000. See page 21, paragraph 3.

**TABLE 5. - ALL PERSONS WHO TRAVELLED TO WORK, BY METHOD  
OF TRAVEL AND DURATION OF JOURNEY,**

**NEW SOUTH WALES, MAY 1970**  
( '000 )

Method of travel to work	Duration of journey to work (minutes) (a)						Total (b)
	1-14	15-29	30-44	45-59	60-74	75 and over	
Public transport (c)	25.7	90.7	120.1	82.7	80.1	54.5	454.8
Train	*	22.5	46.7	49.3	59.8	46.7	228.3
Bus	22.5	65.4	69.3	30.8	17.7	6.5	212.8
Tram or ferry	*	*	4.1	*	*	*	13.6
Car	335.2	283.9	180.9	62.2	37.9	12.7	921.3
As driver	262.7	230.5	143.8	50.0	29.7	8.9	732.6
As passenger	72.5	53.4	37.1	12.2	8.2	*	188.6
Walked	105.5	38.3	9.4	*	*	*	154.5
Other (c)	22.5	14.0	7.3	*	*	*	47.4
<b>Total</b>	<b>488.9</b>	<b>426.9</b>	<b>317.7</b>	<b>147.2</b>	<b>119.1</b>	<b>(a) 68.1</b>	<b>1,578.0</b>

(a) to (c), see footnotes (a) to (c), Table 4. (d) Includes 36,500 persons who spent 90 minutes or more travelling to work.

\* Less than 4,000. See page 21, paragraph 3.

TABLE 6. - ALL PERSONS WHO TRAVELLED TO WORK, BY METHOD  
OF TRAVEL AND DURATION OF JOURNEY, VICTORIA, MAY 1970  
( '000)

Method of travel to work	Duration of journey to work (minutes) (a)						Total (b)
	1-14	15-29	30-44	45-59	60-74	75 and over	
Public transport (c)	15.9	68.9	96.6	60.0	47.1	24.0	313.2
Train	*	18.0	44.9	39.9	34.9	21.0	160.3
Bus	9.7	27.7	24.9	8.5	5.8	*	78.9
Tram or ferry	4.9	23.2	26.7	11.6	6.4	*	74.0
Car	258.9	246.6	148.0	46.0	25.7	6.1	738.8
As driver	204.8	196.2	118.9	38.7	19.7	4.8	589.5
As passenger	54.0	50.5	29.1	7.3	5.9	*	149.4
Walked	81.5	38.6	6.7	*	*	*	128.4
Other (c)	16.8	10.3	*	*	*	*	32.7
<u>Total</u>	373.1	364.4	254.5	107.9	73.8	(d) 30.2	1,213.1

(a) to (c), see footnotes (a) to (c), Table 4. (d) Includes 15,600 persons who spent 90 minutes or more travelling to work.

\* Less than 4,000. See page 21, paragraph 3.

TABLE 7. - ALL PERSONS WHO TRAVELLED TO WORK, BY  
METHOD OF TRAVEL AND DURATION OF JOURNEY, QUEENSLAND, MAY 1970  
( '000)

Method of travel to work	Duration of journey to work (minutes) (a)					Total (b)
	1-14	15-29	30-44	45-59	60 and over	
Public transport (c)	5.4	21.9	30.7	18.6	18.0	94.7
Train	*	4.8	9.5	8.0	10.4	33.6
Bus	4.4	16.7	20.9	10.3	7.6	60.3
Car	164.5	114.5	55.3	11.7	7.9	354.7
As driver	127.9	90.4	43.8	9.0	5.6	277.3
As passenger	36.6	24.1	11.5	*	*	77.4
Walked	40.3	10.5	*	*	*	53.0
Other (c)	13.9	8.1	*	*	*	25.4
<u>Total</u>	224.0	155.0	90.1	31.3	(d) 26.4	527.8

(a) to (c), see footnotes (a) to (c), Table 4. (d) Includes 5,400 persons who spent 90 minutes or more travelling to work; and 8,400 who spent 75 minutes or more.

\* Less than 4,000. See page 21, paragraph 3.

TABLE 8. - ALL PERSONS WHO TRAVELLED TO WORK, BY METHOD  
OF TRAVEL AND DURATION OF JOURNEY, SOUTH AUSTRALIA, MAY 1970  
( '000)

Method of travel to work	Duration of journey to work (minutes) (a)				Total (b)
	1-14	15-29	30-44	45 and over	
Public transport (c)	4.6	21.4	22.3	15.5	64.1
Train	*	*	*	4.8	10.3
Bus	*	18.9	18.6	10.5	51.9
Car	100.2	113.6	43.6	10.7	268.7
As driver	78.1	88.2	34.1	8.2	209.1
As passenger	22.2	25.4	9.5	*	59.6
Walked	20.7	5.0	*	*	27.5
Other (c)	11.3	8.5	*	*	22.3
<b>Total</b>	136.8	148.5	69.5	(d) 27.0	382.5

(a) to (c), see footnotes (a) to (c), Table 4. (d) Includes 9,100 persons who spent 60 minutes or more travelling to work.

\* Less than 4,000. See page 21, paragraph 3.

TABLE 9. - ALL PERSONS WHO TRAVELLED TO WORK, BY  
METHOD OF TRAVEL AND DURATION OF JOURNEY, WESTERN AUSTRALIA, MAY 1970  
( '000)

Method of travel to work	Duration of journey to work (minutes) (a)				Total (b)
	1-14	15-29	30-44	45 and over	
Public transport (c)	*	17.4	20.4	11.3	52.9
Train	*	*	*	*	10.0
Bus	*	13.8	17.1	8.8	42.6
Car	83.7	84.6	35.9	8.8	214.7
As driver	67.6	67.6	30.5	6.2	173.2
As passenger	16.2	17.0	5.5	*	41.5
Walked	21.1	6.5	*	*	28.9
Other (c)	6.3	*	*	*	10.7
<b>Total</b>	114.8	112.1	57.9	(d) 20.9	307.3

(a) to (c), see footnotes (a) to (c), Table 4. (d) Includes 9,000 persons who spent 60 minutes or more travelling to work.

\* Less than 4,000. See page 21, paragraph 3.

**TABLE 10. - ALL PERSONS WHO TRAVELLED TO WORK, BY METHOD OF TRAVEL AND DURATION OF JOURNEY, TASMANIA, MAY 1970**  
( '000)

Method of travel to work	Duration of journey to work (minutes) (a)			Total (b)
	1-14	15-29	30 and over	
Public transport (c)	*	8.6	5.1	15.5
Bus	*	8.4	4.5	14.6
Car	44.4	30.9	11.7	87.5
As driver	35.9	24.8	9.4	70.5
As passenger	8.5	6.1	*	17.0
Walked	13.4	5.3	*	19.8
Other (c)	*	*	*	4.3
<b>Total</b>	62.1	45.9	(d) 18.7	127.1

(a) to (c), see footnotes (a) to (c), Table 4. (d) Includes 5,800 persons who spent 45 minutes or more travelling to work.

\* Less than 4,000. See page 21, paragraph 3.

**TABLE 11. - ALL PERSONS WHO TRAVELLED TO WORK, BY METHOD OF TRAVEL, CAPITAL CITIES (a) AND OTHER AREAS, MAY 1970**  
(Per cent)

Method of travel to work	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	Aust. (b)
<b>CAPITAL CITIES (a)</b>							
Public transport (c)	36.7	30.9	28.5	19.6	21.0	19.7	30.6
Train	19.8	16.5	11.3	2.9	4.3	*	14.5
Bus	15.7	6.9	17.0	16.0	16.5	18.3	13.1
Tram or ferry	1.2	7.5	*	*	*	*	3.0
Car	53.4	58.0	63.6	69.5	69.8	64.2	59.1
As driver	43.4	46.2	49.2	53.3	56.3	51.6	47.1
As passenger	9.9	11.8	14.4	16.2	13.5	12.6	12.0
Bicycle	0.4	1.3	*	4.4	*	*	1.2
Walked	7.9	9.1	5.7	5.0	6.6	14.4	7.8
Other (c)	1.6	0.7	1.6	1.6	*	*	1.3
<b>Total</b>	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<b>OTHER AREAS</b>							
Public transport (c)	11.7	6.7	4.9	7.1	*	6.4	8.4
Bus	8.7	5.1	4.6	5.2	*	6.2	6.7
Car	69.3	71.8	71.6	72.9	70.1	72.5	71.0
As driver	53.0	57.5	56.7	59.5	56.6	58.5	55.9
As passenger	16.3	14.3	15.0	13.4	13.5	14.0	15.1
Bicycle	2.1	4.1	4.6	*	*	*	2.8
Walked	13.8	16.2	15.4	14.8	18.5	16.5	15.0
Other (c)	3.1	1.2	3.4	3.0	*	*	2.8
<b>Total</b>	100.0	100.0	100.0	100.0	100.0	100.0	100.0

(a) Statistical Divisions. See page 3, paragraph 10. (b) Figures for other areas include the Northern Territory and the Australian Capital Territory. (c) For definition, see page 3, paragraph 8.

\* Based on a figure less than 4,000. See page 21, paragraph 3.

TABLE 12. - ALL PERSONS WHO TRAVELLED TO WORK, BY DURATION OF JOURNEY, CAPITAL CITIES (a)  
AND OTHER AREAS, MAY 1970  
(Per cent)

Duration of journey to work (minutes) (b)	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	Aust. (c)
CAPITAL CITIES (a)							
1-14	22.0	22.3	23.6	28.6	27.9	38.4	23.7
15-29	27.2	31.2	33.7	43.1	41.5	45.3	32.3
30-44	23.2	24.6	25.1	20.7	22.1	12.3	23.3
45-59	11.7	10.9	9.8	4.9	4.8	*	9.8
60-74	9.8	7.4	5.2	2.0	2.4	*	7.0
75-89	2.8	1.5	*	*	*	*	1.6
90 and over	2.7	1.4	1.5	*	*	*	1.7
<u>Total (d)</u>	100.0	100.0	100.0	100.0	100.0	100.0	100.0
OTHER AREAS							
1-14	50.6	62.7	65.6	60.3	68.1	56.9	57.5
15-29	26.8	25.6	24.1	24.2	20.1	29.0	26.5
30-44	13.5	7.6	7.2	9.3	8.2	8.5	10.0
45 and over	8.5	3.5	3.0	6.0	*	*	5.7
<u>Total (d)</u>	100.0	100.0	100.0	100.0	100.0	100.0	100.0

(a) Statistical Divisions. See page 3, paragraph 10. (b) One way. (c) Figures for other areas include the Northern Territory and the Australian Capital Territory. (d) Includes persons for whom the duration of journey varied.

\* Based on a figure less than 4,000. See page 21, paragraph 3.

TABLE 13. - ALL PERSONS WHO TRAVELLED TO WORK, BY TIME OF LEAVING HOME, MAY 1970

Time of leaving home	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	Aust. (a)
NUMBER ('000)							
Midnight - 6.59 am	444.2	211.3	121.8	52.8	41.2	10.3	887.5
7.00 am - 7.29 am	283.0	227.8	97.8	81.5	47.8	18.5	765.9
7.30 am - 7.59 am	264.1	289.9	129.5	78.3	80.9	37.9	899.0
8.00 am - 8.29 am	231.9	201.3	86.3	75.4	67.1	22.7	704.6
8.30 am - 8.59 am	169.6	159.4	40.2	48.2	35.7	20.4	485.1
9.00 am - 11.59 am	71.6	56.2	18.7	18.1	16.0	6.2	190.2
Noon - 3.59 pm	48.6	26.9	13.8	12.3	8.1	*	115.2
4.00 pm - 11.59 pm	41.2	20.7	11.9	8.4	6.0	4.0	93.8
Time varied	23.8	19.5	7.7	7.6	4.5	*	69.4
<u>Total</u>	1,578.0	1,213.4	527.8	382.5	307.3	127.1	4,210.7
PROPORTION OF TOTAL (PER CENT)							
Midnight - 6.59 am	28.1	17.4	23.1	13.8	13.4	8.1	21.1
7.00 am - 7.29 am	17.9	18.8	18.5	21.3	15.5	14.6	18.2
7.30 am - 7.59 am	16.7	23.9	24.5	20.5	26.3	29.8	21.4
8.00 am - 8.29 am	14.7	16.6	16.3	19.7	21.9	17.8	16.7
8.30 am - 8.59 am	10.7	13.1	7.6	12.6	11.6	16.1	11.5
9.00 am - 11.59 am	4.5	4.6	3.5	4.7	5.2	4.9	4.5
Noon - 3.59 pm	3.1	2.2	2.6	3.2	2.6	*	2.7
4.00 pm - 11.59 pm	2.6	1.7	2.3	2.2	1.9	3.1	2.2
Time varied	1.5	1.6	1.4	2.0	1.5	*	1.6
<u>Total</u>	100.0	100.0	100.0	100.0	100.0	100.0	100.0

(a) Includes the Northern Territory and the Australian Capital Territory.

\* Less than or based on a figure less than 4,000. See page 21, paragraph 3.

**TABLE 14. - ALL PERSONS WHO TRAVELLED TO WORK, BY TIME  
OF LEAVING HOME, CAPITAL CITIES (a) AND OTHER AREAS, MAY 1970**  
(Per cent)

Time of leaving home	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	Aust. (b)
<b>CAPITAL CITIES (a)</b>							
Midnight - 6.59 a.m.	28.8	18.6	26.0	14.2	14.7	8.7	22.2
7.00 a.m. - 7.29 a.m.	18.5	19.0	20.7	20.5	15.9	14.3	18.8
7.30 a.m. - 7.59 a.m.	18.2	24.0	24.5	20.1	25.8	21.5	21.6
8.00 a.m. - 8.29 a.m.	15.7	17.6	14.9	21.5	23.0	23.2	17.6
8.30 a.m. - 8.59 a.m.	8.9	11.2	4.5	11.9	10.1	15.6	9.7
9.00 a.m. - 11.59 a.m.	4.1	4.2	3.4	4.7	5.3	*	4.2
Noon - 3.59 p.m.	2.6	2.2	2.8	3.0	2.1	*	2.5
4.00 p.m. - 11.59 p.m.	2.1	1.6	2.1	2.2	1.8	*	1.9
Time varied	1.3	1.5	*	1.9	*	*	1.5
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
<b>OTHER AREAS</b>							
Midnight - 6.59 a.m.	26.7	13.0	19.4	12.3	9.3	7.7	18.6
7.00 a.m. - 7.29 a.m.	16.7	18.0	15.8	24.2	14.4	14.8	16.8
7.30 a.m. - 7.59 a.m.	13.5	23.5	24.6	21.8	28.0	36.2	20.8
8.00 a.m. - 8.29 a.m.	12.5	12.7	18.1	13.7	18.0	13.7	14.8
8.30 a.m. - 8.59 a.m.	14.9	20.4	11.4	14.9	16.5	16.4	15.5
9.00 a.m. - 11.59 a.m.	5.6	6.4	3.7	4.7	*	*	5.1
Noon - 3.59 p.m.	4.2	2.1	2.4	*	*	*	3.3
4.00 p.m. - 11.59 p.m.	3.8	2.0	2.4	*	*	*	2.9
Time varied	2.0	1.9	2.1	*	*	*	2.1
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

(a) Statistical Divisions. See page 3, paragraph 10. (b) Figures for other areas include the Northern Territory and the Australian Capital Territory.

\* Based on a figure less than 4,000. See page 21, paragraph 3.

**TABLE 15. - ALL PERSONS WHO TRAVELLED TO WORK, BY TIME  
OF LEAVING HOME AND DURATION OF JOURNEY, MAY 1970**

Time of leaving home	Duration of journey to work (minutes) (a)							Total (b)
	1-14	15-29	30-44	45-59	60-74	75-89	90 and over	
NUMBER ('000)								
Midnight - 6.59 a.m.	218.2	242.5	201.7	90.6	75.5	19.7	35.9	887.5
7.00 a.m. - 7.29 a.m.	225.1	260.6	147.1	57.2	45.2	14.1	14.4	765.9
7.30 a.m. - 7.59 a.m.	309.4	251.7	170.9	82.5	64.2	12.5	5.6	899.0
8.00 a.m. - 8.29 a.m.	210.5	236.0	169.3	61.9	21.8	5.2	4.8	704.6
8.30 a.m. - 8.59 a.m.	265.6	153.9	49.7	8.2	5.4			485.1
9.00 a.m. - 11.59 a.m.	96.5	53.7	24.6	7.6	5.1			190.2
Noon - 3.59 p.m.	42.1	36.3	22.2	7.7	4.8	115.2		
4.00 p.m. - 11.59 p.m.	41.0	31.0	13.9	*	*	93.8		
Time varied	26.5	17.8	8.7	*	*	69.4		
<u>Total</u>	1,434.8	1,283.5	808.1	321.9	227.0	51.4	60.8	4,210.7
PROPORTION OF TOTAL (PER CENT)								
Midnight - 6.59 a.m.	24.6	27.3	22.7	10.2	8.5	2.2	4.0	100.0
7.00 a.m. - 7.29 a.m.	29.4	34.0	19.2	7.5	5.9	1.8	1.9	100.0
7.30 a.m. - 7.59 a.m.	34.4	28.0	19.0	9.2	7.1	1.4	0.6	100.0
8.00 a.m. - 8.29 a.m.	29.9	33.5	24.0	8.8	3.1	*	*	100.0
8.30 a.m. - 8.59 a.m.	54.7	31.7	10.3	1.7	1.1	*	*	100.0
9.00 a.m. - 11.59 a.m.	50.7	28.2	12.9	4.0	2.7	*	*	100.0
Noon - 3.59 p.m.	36.6	31.5	19.2	6.7	4.1	*	*	100.0
4.00 p.m. - 11.59 p.m.	43.7	33.0	14.8	*	*	*	*	100.0
Time varied	38.2	25.7	12.6	*	*	*	*	100.0
<u>Total</u>	34.1	30.5	19.2	7.6	5.4	1.2	1.4	100.0

(a) One way. (b) Includes persons for whom the duration of journey varied.

\* Less than or based on a figure less than 4,000. See page 21, paragraph 3.

**TABLE 16. - MARRIED WOMEN WHO TRAVELLED TO WORK, BY METHOD OF TRAVEL  
AND DURATION OF JOURNEY, MAY 1970**  
(<sup>1</sup>000)

Method of travel to work	Duration of journey to work (minutes) (a)					Total (b)
	1-14	15-29	30-44	45-59	60 and over	
Public transport (c)	18.3	60.4	65.8	36.2	38.4	219.2
Train	*	12.8	20.3	17.9	25.5	77.8
Bus	15.6	40.5	38.9	14.6	10.9	120.7
Tram or ferry	*	7.1	6.6	*	*	20.8
Car	196.5	129.9	52.9	14.6	9.6	404.4
As driver	110.8	65.3	25.4	7.3	*	212.7
As passenger	85.7	64.6	27.6	7.3	6.2	191.8
Walked	81.3	27.4	4.7	*	*	114.0
Other (c)	9.5	*	*	*	*	13.3
<b>Total</b>	<b>305.5</b>	<b>221.1</b>	<b>123.7</b>	<b>51.1</b>	<b>48.6</b>	<b>751.0</b>

(a) One way. (b) Includes persons for whom the duration of journey varied. (c) For definition, see page 3, paragraph 8.

\* Less than 4,000. See page 21, paragraph 3.

**TABLE 17. - MARRIED WOMEN WHO TRAVELLED TO WORK, BY  
TIME OF LEAVING HOME AND DURATION OF JOURNEY, MAY 1970**  
(<sup>1</sup>000)

Time of leaving home	Duration of journey to work (minutes) (a)					Total (b)
	1-14	15-29	30-44	45-59	60 and over	
Midnight - 6.59 am	36.4	26.2	18.6	9.8	12.5	103.5
7.00 am - 7.29 am	25.9	28.3	19.6	9.0	10.1	93.0
7.30 am - 7.59 am	45.1	33.6	24.4	12.7	12.4	128.2
8.00 am - 8.29 am	40.3	44.1	29.9	11.5	5.2	131.0
8.30 am - 8.59 am	72.4	44.3	11.9	)	(	133.5
9.00 am - 11.59 am	49.3	24.5	12.1	)	8.0	92.3
Noon - 3.59 pm	15.9	7.6	*	)	(	29.0
4.00 pm - 11.59 pm	13.8	9.2	*	)	(	27.7
Time varied	6.5	*	*	*	*	12.7
<b>Total</b>	<b>305.5</b>	<b>221.1</b>	<b>123.7</b>	<b>51.1</b>	<b>48.6</b>	<b>751.0</b>

For footnotes see Table 16.

\* Less than 4,000. See page 21, paragraph 3.

TABLE 18. - FULL-TIME STUDENTS WHO TRAVELLED TO SCHOOL, ETC. (a), BY METHOD OF TRAVEL, MAY 1970

Method of travel to school, etc.	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	Aust. (b)
NUMBER ('000)							
Public transport (c)	360.9	182.3	113.5	60.2	62.6	37.1	829.9
Train	46.3	25.5	11.0	*	*	*	86.5
Bus	313.7	131.4	102.4	57.2	61.5	36.9	716.5
Tram or ferry	*	25.4	*	*	*	*	26.9
Car	134.9	125.5	68.7	43.9	40.7	13.3	437.6
As driver	9.5	9.9	4.2	*	*	*	31.1
As passenger	125.6	115.6	64.5	40.5	37.8	12.5	406.5
Bicycle	51.2	92.2	60.7	47.0	33.9	*	293.3
Walked	440.0	383.4	142.4	108.7	74.8	37.6	1,210.1
Other (c)	4.5	*	*	*	*	*	12.2
<u>Total</u>	991.5	786.8	386.5	261.5	212.5	91.6	2,783.1
PROPORTION OF TOTAL (PER CENT)							
Public transport (c)	36.4	23.2	29.4	23.0	29.5	40.5	29.8
Train	4.7	3.2	2.8	*	*	*	3.1
Bus	31.6	16.7	26.5	21.9	29.0	40.2	25.7
Tram or ferry	*	3.2	*	*	*	*	1.0
Car	13.6	15.9	17.8	16.8	19.2	14.5	15.7
As driver	0.9	1.3	1.1	*	*	*	1.1
As passenger	12.7	14.7	16.7	15.5	17.8	13.6	14.6
Bicycle	5.2	11.7	15.7	18.0	15.9	*	10.5
Walked	44.4	48.7	36.8	41.6	35.2	41.0	43.5
Other (c)	0.5	*	*	*	*	*	0.4
<u>Total</u>	100.0	100.0	100.0	100.0	100.0	100.0	100.0

(a) See page 3, paragraph 6. (b) Includes the Northern Territory and the Australian Capital Territory.

(c) For definition, see page 3, paragraph 8.

\* Less than or based on a figure less than 4,000. See page 21, paragraph 3.

TABLE 19. - FULL-TIME STUDENTS WHO TRAVELLED TO SCHOOL, ETC. (a).

BY METHOD OF TRAVEL, CAPITAL CITIES (b) AND

OTHER AREAS, MAY 1970  
(Per cent)

Method of travel to school, etc. (a)	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	Aust. (c)
CAPITAL CITIES (b)							
Public transport (d)	37.6	21.1	32.0	19.7	23.3	30.6	28.3
Train	7.5	4.6	5.8	*	*	*	5.0
Bus	29.9	12.0	26.2	18.1	22.6	30.0	21.8
Tram or ferry	*	4.4	*	*	*	*	1.5
Car	12.8	15.7	20.5	17.4	21.2	22.0	16.0
As passenger	11.4	14.1	18.7	15.7	19.2	19.9	14.4
Bicycle	1.8	7.5	6.7	20.1	16.5	*	7.5
Walked	47.3	55.3	40.4	42.2	38.8	45.1	47.8
Total (e)	100.0	100.0	100.0	100.0	100.0	100.0	100.0
OTHER AREAS							
Public transport (d)	34.8	27.4	27.0	30.6	42.9	47.2	32.0
Bus	34.1	26.2	26.8	30.4	42.9	47.2	31.4
Car	14.8	16.5	15.3	15.3	14.6	9.4	15.3
As passenger	14.4	15.9	14.9	15.1	14.6	9.4	14.9
Bicycle	9.8	20.3	23.6	13.0	14.7	*	15.0
Walked	40.3	35.4	33.7	40.2	27.4	38.3	37.3
Total (e)	100.0	100.0	100.0	100.0	100.0	100.0	100.0

(a) See page 3, paragraph 6. (b) Statistical Divisions. See page 3, paragraph 10. (c) Figures for other areas include the Northern Territory and the Australian Capital Territory. (d) For definition, see page 3, paragraph 8.

(e) Includes other methods.

\* Based on a figure less than 4,000. See page 21, paragraph 3.

TABLE 20. - FULL-TIME STUDENTS WHO TRAVELLED TO SCHOOL, ETC. (a), BY AGE AND METHOD OF TRAVEL, MAY 1970

Method of travel to school, etc.	Age group (years)						
	5-9	10-12	13-14	15-17	18-19	20 and over	Total
NUMBER ('000)							
Public transport (b)	233.5	200.8	204.0	158.8	20.6	12.3	829.9
Train	*	17.4	23.3	28.7	8.3	5.3	86.5
Bus	227.1	178.5	173.3	121.2	10.5	5.9	716.5
Tram or ferry	*	5.0	7.4	8.9	*	*	26.9
Car	235.5	83.0	38.0	39.6	18.3	23.1	437.6
As passenger	235.5	83.0	38.0	37.0	8.6	4.3	406.5
Bicycle	59.0	107.3	82.8	43.5	*	*	293.3
Walked	672.2	320.3	117.9	90.4	6.0	*	1,210.1
Other (b)	*	*	*	*	*	*	12.2
<u>Total</u>	1,203.3	713.2	444.1	334.4	47.2	40.9	2,783.1
PROPORTION OF TOTAL (PER CENT)							
Public transport (b)	19.4	28.2	45.9	47.5	43.5	30.0	29.8
Train	*	2.4	5.3	8.6	17.6	12.9	3.1
Bus	18.9	25.0	39.0	36.2	22.2	14.5	25.7
Tram or ferry	*	0.7	1.7	2.7	*	*	1.0
Car	19.6	11.6	8.6	11.9	38.7	56.4	15.7
As passenger	19.6	11.6	8.6	11.1	18.3	10.4	14.6
Bicycle	4.9	15.0	18.7	13.0	*	*	10.5
Walked	55.9	44.9	26.5	27.0	12.6	*	43.5
Other (b)	*	*	*	*	*	*	0.4
<u>Total</u>	100.0	100.0	100.0	100.0	100.0	100.0	100.0

(a) See page 3, paragraph 6. (b) For definition, see page 3, paragraph 8.

\* Less than or based on a figure less than 4,000. See page 21, paragraph 3.

TABLE 21. - FULL-TIME STUDENTS WHO TRAVELLED TO SCHOOL, ETC. (a), BY DURATION OF JOURNEY, MAY 1970

Duration of journey to school, etc. (minutes)(b)	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	Aust. (c)
NUMBER ('000)							
1-14	526.7	432.9	209.7	137.0	119.1	45.3	1,507.9
15-29	263.1	221.3	107.6	79.6	51.9	26.8	761.7
30-44	109.0	83.5	41.8	29.3	18.8	11.7	297.2
45-59	40.4	25.4	14.5	11.0	9.6	4.0	105.5
60-74	30.6	15.8	9.8	*	9.4	*	71.2
75 and over	21.5	7.6	*	*	*	*	39.2
<b>Total (d)</b>	<b>991.5</b>	<b>786.8</b>	<b>386.5</b>	<b>261.5</b>	<b>212.5</b>	<b>91.6</b>	<b>2,783.1</b>
PROPORTION OF TOTAL (PER CENT)							
1-14	53.1	55.0	54.3	52.4	56.0	49.4	54.2
15-29	26.5	28.1	27.8	30.4	24.4	29.2	27.3
30-44	11.0	10.6	10.8	11.2	8.8	12.8	10.7
45-59	4.1	3.2	3.7	4.2	4.5	4.3	3.8
60-74	3.1	2.0	2.5	*	4.4	*	2.6
75 and over	2.2	1.0	*	*	*	*	1.4
<b>Total (d)</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

(a) See page 3, paragraph 6. (b) One way. (c) Includes the Northern Territory and the Australian Capital Territory.

(d) Includes a small number of full-time students for whom the duration of journey to school, etc., varied.

\* Less than or based on a figure less than 4,000. See page 21, paragraph 3.

TABLE 22. - FULL-TIME STUDENTS WHO TRAVELLED TO SCHOOL, ETC. (a).

BY DURATION OF JOURNEY, CAPITAL CITIES (b) AND OTHER AREAS, MAY 1970

(Per cent)

Duration of journey to school, etc. (minutes) (c)	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	Aust. (d)
CAPITAL CITIES (b)							
1-14	51.3	54.1	51.0	52.7	59.5	48.4	53.0
15-29	29.3	29.9	30.4	33.1	25.6	31.4	29.8
30-44	11.2	11.1	12.4	9.9	9.3	12.2	11.0
45 and over	8.1	4.9	6.2	4.2	5.7	*	6.2
Total (e)	100.0	100.0	100.0	100.0	100.0	100.0	100.0
OTHER AREAS							
1-14	55.6	56.8	57.1	51.6	48.6	50.2	55.9
15-29	22.7	24.7	25.6	24.3	21.9	27.8	23.9
30-44	10.7	9.7	9.4	14.2	8.0	13.2	10.2
45-59	4.8	4.1	4.5	6.9	7.6	*	4.7
60 and over	6.2	4.8	3.4	*	14.0	*	5.3
Total (e)	100.0	100.0	100.0	100.0	100.0	100.0	100.0

(a) See page 3, paragraph 6. (b) Statistical Divisions. See page 3, paragraph 10. (c) One way. (d) Figures for other areas include the Northern Territory and the Australian Capital Territory. (e) See footnote (d) to Table 21.

\* Less than or based on a figure less than 4,000. See page 21, paragraph 3.

TABLE 23. - FULL-TIME STUDENTS WHO TRAVELLED TO SCHOOL, ETC. (a), BY AGE AND DURATION OF JOURNEY,

MAY 1970

Duration of journey to school, etc. (minutes)(b)	Age group (years)						
	5-9	10-12	13-14	15-17	18-19	20 and over	Total
NUMBER ('000)							
1-14	794.9	406.2	169.3	120.6	9.9	6.9	1,507.9
15-29	287.7	188.4	152.0	107.9	12.8	13.0	761.7
30-44	76.7	70.9	68.5	59.3	10.7	11.2	297.2
45-59	22.1	24.1	28.0	21.7	6.0	*	105.5
60-74	15.3	14.2	17.0	16.7	4.4	*	71.2
75 and over	6.5	9.4	9.2	8.2	*	*	39.2
<u>Total (c)</u>	1,203.3	713.2	444.1	334.4	47.2	40.9	2,783.1
PROPORTION OF TOTAL (PER CENT)							
1-14	66.1	56.9	38.1	36.1	21.1	17.0	54.2
15-29	23.9	26.4	34.2	32.3	27.0	31.7	27.4
30-44	6.4	9.9	15.4	17.7	22.7	27.3	10.7
45-59	1.8	3.4	6.3	6.5	12.8	*	3.8
60-74	1.3	2.0	3.8	5.0	9.2	*	2.6
75 and over	0.5	1.3	2.1	2.5	*	*	1.4
<u>Total (c)</u>	100.0	100.0	100.0	100.0	100.0	100.0	100.0

(a) See page 3, paragraph 6. (b) One way. (c) See footnote (d) to Table 21.

\* Less than or based on a figure less than 4,000. See page 21, paragraph 3.

TABLE 24. - FULL-TIME STUDENTS WHO TRAVELLED TO SCHOOL, ETC. (a).

BY METHOD OF TRAVEL AND DURATION OF JOURNEY, MAY 1970

('000)

Method of travel to school, etc.	Duration of journey to school, etc. (minutes) (b)					Total (c)
	1-14	15-29	30-44	45-59	60 and over	
Public transport (d)	149.6	277.6	208.6	92.7	101.2	829.9
Train	*	16.9	28.7	16.2	21.2	86.5
Bus	142.1	251.2	170.8	74.5	77.8	716.5
Car	332.7	67.2	24.1	7.6	5.8	437.6
As passenger	325.3	56.8	14.6	5.2	4.6	406.5
Bicycle	214.5	70.6	7.7	*	*	293.3
Walked	806.3	342.3	55.2	4.2	*	1,210.1
Other (d)	4.7	*	*	*	*	12.2
<b>Total</b>	<b>1,507.9</b>	<b>761.7</b>	<b>297.2</b>	<b>105.5</b>	<b>110.4</b>	<b>2,783.1</b>

(a) See page 3, paragraph 6. (b) One way. (c) See footnote (d) to Table 21. (d) For definition, see page 3, paragraph 8.

\* Less than 4,000. See page 21, paragraph 3.

TABLE 25. - FULL-TIME STUDENTS WHO TRAVELLED TO SCHOOL, ETC. (a), BY TIME OF LEAVING HOME, MAY 1970

Time of leaving home	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	Aust. (b)
NUMBER ('000)							
7.00 am - 7.29 am	20.1	7.0	12.5	*	5.1	*	47.8
7.30 am - 7.59 am	93.2	59.0	60.9	17.5	25.6	8.7	270.0
8.00 am - 8.29 am	271.7	246.9	204.2	87.6	97.1	34.2	957.1
8.30 am - 8.59 am	458.6	485.5	102.0	151.4	82.6	37.0	1,309.3
9.00 am - 11.59 am	144.0	12.7	4.9	*	*	10.6	187.1
<b>Total (c)</b>	<b>991.5</b>	<b>786.8</b>	<b>386.5</b>	<b>261.5</b>	<b>212.5</b>	<b>91.6</b>	<b>2,783.1</b>
PROPORTION OF TOTAL (PER CENT)							
7.00 am - 7.29 am	2.0	0.9	3.2	*	2.4	*	1.7
7.30 am - 7.59 am	9.4	7.5	15.7	6.7	12.1	9.5	9.7
8.00 am - 8.29 am	27.4	31.4	52.8	33.5	45.7	37.4	34.4
8.30 am - 8.59 am	46.3	58.3	26.4	57.9	38.9	40.4	47.0
9.00 am - 11.59 am	14.5	1.6	1.3	*	*	11.5	6.7
<b>Total (c)</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

(a) See page 3, paragraph 6. (b) Includes the Northern Territory and the Australian Capital Territory.

(c) Includes 11,800 full-time students who left home regularly at other times or whose time of leaving home varied.

\* Less than or based on a figure less than 4,000. See page 21, paragraph 3.

**TABLE 26. - FULL-TIME STUDENTS WHO TRAVELLED TO SCHOOL, ETC. (a),  
BY TIME OF LEAVING HOME, CAPITAL CITIES (b) AND OTHER  
AREAS, MAY 1970  
(Per cent)**

Time of leaving home	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	Aust. (c)
CAPITAL CITIES (b)							
7.00 a.m. - 7.29 a.m.	2.4	0.9	5.1	*	*	*	2.0
7.30 a.m. - 7.59 a.m.	10.9	7.9	20.3	6.5	10.4	11.6	10.5
8.00 a.m. - 8.29 a.m.	29.0	33.9	54.5	33.0	45.7	43.0	35.6
8.30 a.m. - 8.59 a.m.	43.9	55.8	18.1	58.6	40.0	35.9	46.0
9.00 a.m. - 11.59 a.m.	13.1	1.0	*	*	*	*	5.4
<b>Total (d)</b>	100.0	100.0	100.0	100.0	100.0	100.0	100.0
OTHER AREAS							
7.00 a.m. - 7.29 a.m.	1.5	*	*	*	*	*	1.3
7.30 a.m. - 7.59 a.m.	7.4	6.6	11.7	7.2	15.7	8.1	8.6
8.00 a.m. - 8.29 a.m.	25.2	26.3	51.3	34.8	45.6	33.5	32.6
8.30 a.m. - 8.59 a.m.	49.5	63.3	33.7	56.3	36.4	43.4	48.6
9.00 a.m. - 11.59 a.m.	16.4	2.9	*	*	*	13.9	8.6
<b>Total (d)</b>	100.0	100.0	100.0	100.0	100.0	100.0	100.0

(a) See page 3, paragraph 6. (b) Statistical Divisions. See page 3, paragraph 10. (c) Figures for other areas include the Northern Territory and the Australian Capital Territory. (d) See footnote (c) to Table 25.

\* Based on a figure less than 4,000. See page 21, paragraph 3.

**TABLE 27. - FULL-TIME STUDENTS WHO TRAVELLED TO SCHOOL, ETC. (a),  
BY TIME OF LEAVING HOME AND DURATION OF JOURNEY, MAY 1970  
('000)**

Time of leaving home	Duration of journey to school, etc. (minutes) (b)							Total (c)
	1-14	15-29	30-44	45-59	60-74	75-89	90 and over	
7.00 a.m. - 7.29 a.m.	*	6.3	8.2	7.0	9.7	*	10.2	47.8
7.30 a.m. - 7.59 a.m.	43.9	64.6	61.8	38.2	41.4	14.0	6.1	270.0
8.00 a.m. - 8.29 a.m.	368.5	340.4	172.2	56.6	17.4	*	*	957.1
8.30 a.m. - 8.59 a.m.	932.8	324.3	48.4	*	*	*	*	1,309.3
9.00 a.m. - 11.59 a.m.	156.9	23.2	5.4	*	*	*	*	187.1
<b>Total (d)</b>	1,507.9	761.7	297.2	105.5	71.2	19.5	19.7	2,783.1

(a) See page 3, paragraph 6. (b) One way. (c) See footnote (d) to Table 21. (d) See footnote (c) to Table 25.

\* Less than 4,000. See page 21, paragraph 3.

TECHNICAL NOTEEstimation procedure

Estimates derived from the quarterly population survey are obtained by using a ratio estimation procedure. This procedure ensures that survey estimates conform to the independently estimated distribution of the population by age and sex, rather than to the age and sex distribution within the sample itself.

Reliability of the estimates

2. Since the estimates in this bulletin are based on a sample they may differ from the figures that would have been obtained from a complete census using the same questionnaires and procedures. One measure of the likely difference is given by the standard error, which indicates the extent to which an estimate might have varied by chance because only a sample, and not the whole population, was enumerated. There are about two chances in three that a sample estimate will differ by less than one standard error from the figure that would have been obtained from a comparable complete enumeration, and about nineteen chances in twenty that the difference will be less than two standard errors. A table of standard errors which is intended to be of general application is given below:

STANDARD ERRORS OF ESTIMATES

Size of estimate (Persons)	Approximate standard error of estimates		Size of estimate (Persons)	Approximate standard error of estimates	
	Persons	Per cent of estimate		Persons	Per cent of estimate
4,000	750	19	200,000	4,000	2
5,000	850	17	500,000	5,000	1
10,000	1,100	11	1,000,000	5,500	0.6
20,000	1,400	7	2,000,000	8,000	0.4
50,000	2,000	4	3,000,000	8,500	0.3
100,000	3,000	3	4,000,000	9,000	0.2

3. In the tables in this bulletin only estimates of 4,000 or over have been shown, as smaller estimates would be subject to such high standard errors (relative to the size of the estimate) as to detract seriously from their value for most reasonable uses. Although, in some cases, figures for these small components can be derived by subtraction, they should not be regarded as reliable.

4. The reliability of an estimated percentage, computed by using sample data for both numerator and denominator, depends upon both the size of the percentage and the size of the denominator. Percentages calculated from figures in this bulletin have generally somewhat lower standard errors (proportionally) than have the estimates which form the numerators of the percentages, particularly where the percentages are large.

5. The imprecision due to sampling variability, which is measured by the standard error, should not be confused with inaccuracies that may occur because of imperfections in reporting by interviewers and respondents. Inaccuracies of this kind are referred to as the non-sampling error, and they may occur in any enumeration, whether it be a full count or only a sample. Every effort is made to reduce the non-sampling error to a minimum by careful design of questionnaires, intensive training and supervision of interviewers and efficient operating procedures.

J. P. O'NEILL

COMMONWEALTH STATISTICIAN

COMMONWEALTH BUREAU OF CENSUS AND STATISTICS

CANBERRA, A.C.T. 2600

28 JULY 1972

NOTE. Inquiries concerning these statistics may be made in Canberra by telephoning 63 9111, extension 2347 or, in each State capital, by telephoning the office of the Bureau of Census and Statistics.

Size of estimate (Persons)	Persons	Per cent of estimate	estimate (Persons)	Persons	Per cent of estimate
4,000	750	19	200,000	4,000	2
5,000	850	17	500,000	5,000	1
10,000	1,100	11	1,000,000	5,500	0.6
20,000	1,400	7	2,000,000	8,000	0.4
50,000	2,000	4	3,000,000	8,500	0.3
100,000	3,000	3	4,000,000	9,000	0.2

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